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Derwent Record

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Derwent Title: Fly ash based brick prodn. giving dense hard structure - by mixing fly ash, clay and calcium sulphate with water, moulding, drying and sintering for good hardness, etc.

Original Title:  [KR9311260B1](#): METHOD OF FIREBRICK USE WITH FLY ASH

Assignee: PARK B Individual

Inventor: PARK B;

Accession/Update: 1994-339083 / 199442

IPC Code: C04B 18/06 ;


Derwent Classes: L02;

Manual Codes: L02-A04(Sintering, firing, hot-pressing, hot extrusion)

Derwent Abstract: (KR9311260B) A fly ash brick is produced by: (1) mixing 70-80 wt.% fly ash having more silicon oxide than aluminium oxide, 15-25 wt.% clay having at least more than 60% kaolin mineral and 5 wt.% gypsum anhydride with 30-45 wt.% water, (2) moulding the mixt. by pressing or extruding (3) drying at 60-70deg.C for 3-5 hours, and (4) sintering 1,050-1,100deg.C for 4-6 hrs.. The used fly ash is pulverised to less than 200 meshes.

Advantage - The obtd. brick has a dense structure, good hardness and good water protection.

Family: PDF Patent Pub. Date Derwent Update Pages Language IPC Code

 [KR9311260B1](#) * 1993-11-29 199442 English C04B 18/06

Local appls.: KR1990000018839 Filed:1990-11-20 (90KR-0018839)

Priority Number:

Application Number	Filed	Original Title
KR1990000018839	1990-11-20	

Title Terms: FLY ASH BASED BRICK PRODUCE DENSE HARD STRUCTURE MIX FLY ASH CLAY CALCIUM SULPHATE WATER MOULD DRY SINTER HARD

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